



INVITATION TO BID NO: 10-R-2221534

STATE OF ALABAMA
DEPARTMENT OF FINANCE
DIVISION OF PURCHASING

INVITATION TO BID

REQ. AGENCY : 012013
ALDOT - 3RD DIV
AGENCY REQ. NO. : 301-030752
T-NUMBER :
DATE ISSUED : 08/13/10
VENDOR NO. :
VENDOR PHONE NO. :
SNAP REQ. NO. : 1447863
BUYER NAME : RAY BRESSLER

FOR: POLYETHYLENE TANK, ETC

BUYER PHONE NO. : (334) 242-4670-
PURCHASING PHONE NO: (334) 242-7250

BID MUST BE RECEIVED BEFORE:
DATE: 08/26/10 TIME: 5:00 PM

BIDS WILL BE PUBLICLY OPENED:
DATE: 08/27/10 TIME: 10:00 AM

TO BE COMPLETED BY VENDOR

INFORMATION IN THIS SECTION SHOULD BE PROVIDED, AS APPROPRIATE. BID RESPONSE
MUST BE IN INK OR TYPED WITH ORIGINAL SIGNATURE AND NOTARIZATION.

1. DELIVERY: CAN BE MADE _____ DAYS OR _____ WEEKS AFTER RECEIPT OF ORDER
2. TERMS: _____(DISCOUNTS ARE TAKEN WITHOUT REGARD TO DATE OF PAYMENT.)
3. PRICE VALID FOR ACCEPTANCE WITHIN _____ DAYS.
4. VENDOR QUOTATION REFERENCE NUMBER, IF ANY: _____
(THIS NUMBER WILL APPEAR ON THE PURCHASE ORDER.)
5. E-MAIL ADDRESS: _____
INTERNET WEBSITE: _____
6. GENERAL CONTRACTOR'S LICENSE NO: _____
TYPE OF G.C. LICENSE: _____

***** IMPORTANT NOTE: *****

BIDDERS MUST COMPLY WITH ALL "BID RESPONSE INSTRUCTIONS" ON PAGE 2, TO INCLUDE
ITEM 6 - COPY REQUIREMENT.

RETURN INVITATION TO BID:

US MAIL

COURIER

STATE OF ALABAMA
DEPARTMENT OF FINANCE
DIVISION OF PURCHASING
P O BOX 302620
MONTGOMERY, AL 36130-2620

STATE OF ALABAMA
DIVISION OF PURCHASING
RSA UNION BUILDING
100 N. UNION ST., SUITE 192
MONTGOMERY, AL 36104

SIGNATURE AND NOTARIZATION REQUIRED

I HAVE READ THE ENTIRE BID AND AGREE TO FURNISH EACH ITEM OFFERED AT THE PRICE QUOTED.
I HERBY AFFIRM I HAVE NOT BEEN IN ANY AGREEMENT OR COLLUSION AMONG BIDDERS IN
RESTRAINT OF FREEDOM OF COMPETITION BY AGREEMENT TO BID AT A FIXED PRICE OR TO
REFRAIN FROM BIDDING.

SWORN TO AND

FEIN OR SSN

AUTHORIZED SIGNATURE (INK)

SUBSCRIBED BEFORE ME THIS

COMPANY NAME

TYPE/PRINT AUTHORIZED NAME

_____ DAY OF _____

MAIL ADDRESS

TITLE

NOTARY PUBLIC

CITY, STATE, ZIP

TOLL FREE NUMBER

TERM EXP: _____

PHONE INCLUDING AREA CODE

FAX NUMBER

STANDARD TERMS & CONDITIONS

VENDOR NAME :

VENDOR NUMBER: -

ITB NO. : 10-R-2221534

PAGE 2

INVITATION TO BID

OPEN DATE : 08/27/10 TIME: 10:00 AM

RETURN DATE: 08/26/10 TIME: 5:00 PM

AUTHORITY:

THE DEPARTMENT OF FINANCE CODE OF ADMINISTRATIVE PROCEDURE, CHAPTER 355-4-1 EFFECTIVE DECEMBER 20, 2001 IS INCORPORATED BY REFERENCE AND MADE A PART OF THIS DOCUMENT. TO RECEIVE A COPY CALL (334)242-7250, OR OUR WEBSITE WWW.PURCHASING.ALABAMA.GOV .

INFORMATION AND ASSISTANCE TO MINORITY AND WOMEN-OWNED BUSINESSES IN ACQUIRING M/WBE CERTIFICATION MAY BE OBTAINED FROM THE OFFICE OF MINORITY BUSINESS ENTERPRISE, 1-800-447-4191.

BID (ITB) RESPONSE INSTRUCTIONS

REV: 07/15/10

1. TO SUBMIT A RESPONSIVE BID, READ THESE INSTRUCTIONS, ALL TERMS, CONDITIONS AND SPECIFICATIONS.
2. BID ENVELOPES/PACKAGES/BOXES MUST BE IDENTIFIED ON FRONT, PREFERABLY LOWER LEFT CORNER AND BE VISIBLE WITH THE BID NUMBER AND OPENING DATE. EACH INDIVIDUAL BID (IDENTIFIED BY A UNIQUE BID NUMBER) MUST BE SUBMITTED IN A SEPARATE ENVELOPE. RESPONSES TO MULTIPLE BID NUMBERS SUBMITTED IN THE SAME ENVELOPE/COURIER PACKAGE, THAT ARE NOT IN SEPARATE ENVELOPES PROPERLY IDENTIFIED, WILL BE REJECTED. THE DIVISION OF PURCHASING DOES NOT ASSUME RESPONSIBILITY FOR LATE BIDS FOR ANY REASON INCLUDING THOSE DUE TO POSTAL, OR COURIER SERVICE. BID RESPONSES MUST BE IN THE DIVISION OF PURCHASING OFFICE PRIOR TO THE "RECEIVE DATE AND TIME" INDICATED ON THE BID.
3. BID RESPONSES (PAGE 1, PRICE SHEET AND ADDENDUMS (WHEN SIGNATURE IS REQUIRED)) MUST BE IN INK OR TYPED ON THIS DOCUMENT. OR EXACT FORMAT WITH SIGNATURES BEING HANDWRITTEN ORIGINALS IN INK (PERSON SIGNING BID, NOTARY, AND NOTARY EXPIRATION), OR THE BID WILL BE REJECTED. UNLESS INDICATED IN THE BID, ALL PRICE PAGES MUST BE COMPLETED AND RETURNED. IF AN ITEM IS NOT BEING BID, IDENTIFY IT AS NB (NO-BID). PAGES SHOULD BE SECURED. THE DIVISION OF PURCHASING DOES NOT ASSUME RESPONSIBILITY FOR MISSING PAGES. FAXED BID RESPONSES WILL NOT BE ACCEPTED.
4. THE UNIT PRICE ALWAYS GOVERNS REGARDLESS OF THE EXTENDED AMOUNT. A UNIT PRICE CHANGE ON A LINE MUST BE INITIALED BY THE PERSON SIGNING THE BID, OR THAT LINE WILL BE REJECTED. THIS INCLUDES A CROSS-OUT, STRIKE-OVER, INK-OVER, WHITE-OUT, ERASURE, OR ANY OTHER METHOD CHANGING THE PRICE.
5. THE DIVISION OF PURCHASING IS NOT RESPONSIBLE FOR MISINTERPRETATION OF DATA FAXED FROM THIS OFFICE.
6. THE DIVISION OF PURCHASING REQUIRES AN ORIGINAL AND A MINIMUM OF ONE COMPLETE EXACT COPY (TO INCLUDE SIGNATURE AND NOTARY) OF THE INVITATION-TO-BID RESPONSE. THE ORIGINAL AND THE COPY SHOULD BE SUBMITTED TOGETHER AS A BID PACKAGE. FAILURE TO MARK RESPONSES AS "ORIGINAL" AND/OR "COPY" COULD RESULT IN THE ENTIRE BID RESPONSE BEING REJECTED.
7. AN IMPROPERLY SUBMITTED BID, LATE BID, OR BID THAT IS CANCELLED ON OR BEFORE THE OPENING DATE WILL BE HELD FOR 90 DAYS AND THEN DESTROYED. THE BID MUST BE RETRIEVED DURING REGULAR WORK HOURS, MONDAY - FRIDAY, EXCEPT STATE HOLIDAYS. AFTER THE BID IS DESTROYED, THE DIVISION OF PURCHASING ASSUMES NO RESPONSIBILITY FOR THE DOCUMENT.

DISQUALIFIED/CANCELLED BID

BIDS THAT ARE IMPROPERLY SUBMITTED OR RECEIVED LATE WILL BE A RESPONSE FOR RECORD, BUT WILL NOT BE RETURNED OR A NOTIFICATION MAILED.

THE FOLLOWING IS A PARTIAL LIST WHEREBY A BID RESPONSE WILL BE DISQUALIFIED:

BID NUMBER NOT ON FACE OF ENVELOPE/COURIER PACKAGE/BOX
RESPONSES TO MULTIPLE BID NUMBERS IN SAME ENVELOPE NOT PROPERLY IDENTIFIED
BID RECEIVED LATE
BID NOT SIGNED/NOT ORIGINAL SIGNATURE
BID NOT NOTARIZED/NOT ORIGINAL SIGNATURE OF NOTARY AND/OR NO NOTARY EXPIRATION
NOTARIZED OWN SIGNATURE
REQUIRED INFORMATION NOT SUBMITTED WITH BID
FAILURE TO SUBMIT THE ORIGINAL BID AND A COMPLETE EXACT COPY

CERTIFICATION PURSUANT TO ACT NO. 2006-557

ALABAMA LAW (SECTION 41-4-116, CODE OF ALABAMA 1975) PROVIDES THAT EVERY BID SUBMITTED AND CONTRACT EXECUTED SHALL CONTAIN A CERTIFICATION THAT THE VENDOR, CONTRACTOR, AND ALL OF ITS AFFILIATES THAT MAKE SALES FOR DELIVERY INTO ALABAMA OR LEASES FOR USE IN ALABAMA ARE REGISTERED, COLLECTING, AND REMITTING ALABAMA STATE AND LOCAL SALES, USE, AND/OR LEASE TAX ON ALL TAXABLE SALES AND LEASES INTO ALABAMA. BY SUBMITTING THIS BID, THE BIDDER IS HEARBY CERTIFYING THAT THEY ARE IN FULL COMPLIANCE WITH ACT NO. 2006-557, THEY ARE NOT BARRED FROM BIDDING OR ENTERING INTO A CONTRACT PURSUANT TO 41-4-116, AND ACKNOWLEDGES THAT THE AWARDING AUTHORITY MAY DECLARE THE CONTRACT VOID IF THE CERTIFICATION IS FALSE.

SPECIAL TERMS & CONDITIONS

VENDOR NAME :

VENDOR NUMBER: -

ITB NO. : 10-R-2221534

OPEN DATE : 08/27/10 TIME: 10:00 AM

RETURN DATE: 08/26/10 TIME: 5:00 PM

PAGE 3

INVITATION TO BID

VENDOR REGISTRATION AND FEE PAYMENT ONLINE

EFFECTIVE SEPTEMBER 1, 2010, VENDORS MUST REGISTER ONLINE TO RECEIVE NOTIFICATION OF BIDS. GO TO WWW.PURCHASING.ALABAMA.GOV TO REGISTER. BIDS WILL NOT BE ACCEPTED FROM NON-REGISTERED VENDORS. A VENDOR'S REGISTRATION MUST BE MAINTAINED THROUGHOUT THE LIFE CYCLE OF AN AWARDED CONTRACT, TO INCLUDE RENEWAL PERIODS. AT THE TIME OF REGISTRATION, VENDOR MUST PAY A BIENNIAL REGISTRATION FEE. PAYMENT MUST BE MADE BY CREDIT CARD, DEBIT CARD, OR BY ELECTRONIC CHECK.

INTENT TO AWARD

EFFECTIVE MAY 1, 2008, THE STATE OF ALABAMA - DIVISION OF PURCHASING WILL ISSUE AN 'INTENT TO AWARD' BEFORE A FINAL AWARD IS MADE. THE 'INTENT TO AWARD' WILL CONTINUE FOR A PERIOD OF FIVE (5) CALENDAR DAYS, AFTER WHICH A PURCHASE ORDER WILL BE PRODUCED. UPON FINAL AWARD, ALL RIGHTS TO PROTEST ARE FORFEITED. A DETAILED EXPLANATION OF THIS PROCESS MAY BE REVIEWED IN THE ALABAMA ADMINISTRATIVE CODE - CHAPTER 355-4-1(14).

ALTERNATE BID RESPONSE

UNLESS STATED ELSEWHERE IN THIS INVITATION-TO-BID (ITB) THE STATE OF ALABAMA WILL ACCEPT AND EVALUATE ALTERNATE BID SUBMITTALS ON ANY ITB'S. ALTERNATE BID RESPONSES WILL BE EVALUATED ACCORDING TO THE REQUIREMENTS AS ALL OTHER RESPONSES TO THIS ITB.

INTERNET WEBSITE LINK'S

INTERNET AND/OR WEBSITE LINKS WILL NOT BE ACCEPTED IN BID RESPONSES AS A MEANS TO SUPPLY ANY REQUIREMENTS STATED IN THIS ITB (INVITATION-TO-BID).

PRODUCT DELIVERY, RECEIVING AND ACCEPTANCE

IN ACCORDANCE WITH THE UNIVERSAL COMMERCE CODE (CODE OF ALABAMA, TITLE 7), AFTER DELIVERY, THE STATE OF ALABAMA HAS THE RIGHT TO INSPECT ALL PRODUCTS BEFORE ACCEPTING. THE STATE WILL INSPECT PRODUCTS IN A REASONABLE TIMEFRAME. SIGNATURE ON A DELIVERY DOCUMENT DOES NOT CONSTITUTE ACCEPTANCE BY THE STATE. THE STATE WILL ACCEPT PRODUCTS ONLY AFTER SATISFACTORY INSPECTION.

SALES TAX EXEMPTION

PURSUANT TO THE CODE OF ALABAMA, 1975, TITLE 40-23-4 (A) (11), THE STATE OF ALABAMA IS EXEMPT FROM PAYING SALES TAX. AN EXEMPTION LETTER WILL BE FURNISHED UPON REQUEST.

INVOICES

INQUIRIES CONCERNING PAYMENT AFTER INVOICES HAVE BEEN SUBMITTED ARE TO BE DIRECTED TO THE RECEIVING AGENCY, NOT THE DIVISION OF PURCHASING

BID RESPONSES AND BID RESULTS

UNEVALUATED BID RESPONSES (NOT BID RESULTS) ARE AVAILABLE ON OUR WEB SITE AT WWW.PURCHASING.ALABAMA.GOV. BID RESULTS WILL BE MADE AVAILABLE FOR REVIEW IN THE DIVISION OF PURCHASING OFFICE, BUT ONLY AFTER THE BID HAS BEEN AWARDED. WE DO NOT FAX OR MAIL COPIES OF BID RESULTS. IF A VENDOR WISHES TO REVIEW BID RESULTS IN OUR OFFICE, THEY SHOULD FAX THEIR REQUEST TO REVIEW THE BID TWO DAYS IN ADVANCE TO THE "BID REVIEW CLERK" AT (334) 242-4419. BE SURE TO REFERENCE THE BID NUMBER.

FOREIGN CORPORATION - CERTIFICATE OF AUTHORITY

ALABAMA LAW PROVIDES THAT A FOREIGN CORPORATION (AN OUT-OF-STATE

SPECIAL TERMS & CONDITIONS

VENDOR NAME :

VENDOR NUMBER: -

ITB NO. : 10-R-2221534

OPEN DATE : 08/27/10 TIME: 10:00 AM

RETURN DATE: 08/26/10 TIME: 5:00 PM

PAGE 4

INVITATION TO BID

COMPANY/FIRM) MAY NOT TRANSACT BUSINESS IN THE STATE OF ALABAMA UNTIL IT OBTAINS A CERTIFICATE OF AUTHORITY FROM THE SECRETARY OF STATE. SECTION 10-2B-15.01, CODE OF ALABAMA 1975. TO OBTAIN FORMS FOR A CERTIFICATE OF AUTHORITY, CONTACT THE SECRETARY OF STATE, CORPORATIONS DIVISION, (334) 242-5324. THE CERTIFICATE OF AUTHORITY DOES NOT KEEP THE VENDOR FROM SUBMITTING A BID.

BID IDENTIFICATION

REFERENCE PAGE 2, ITEM 2. DUE TO THE POSTAL SERVICE PUTTING BAR CODE LABELS ON ENVELOPES, IT CONCEALS THE BID NUMBER AND DATE IF THE VENDOR HAS WRITTEN THEM OTHER THAN THE LOWER LEFT CORNER, THEREFORE THE BID WOULD BE REJECTED FOR NOT BEING PROPERLY IDENTIFIED.

AWARD:

EACH ITEM MUST BE PRICED SEPARATELY. HOWEVER, AN "ALL OR NONE" AWARD MAY BE MADE TO INSURE COMPATIBILITY AND/OR MAINTENANCE INTEGRITY WHERE APPLICABLE. AWARD WILL BE MADE TO THE LOWEST RESPONSIBLE BIDDER(S) MEETING ALL SPECIFICATIONS.

DELIVERY TIME FRAME:

ALL ITEMS ORDERED MUST BE DELIVERED TO THE "SHIP TO" ADDRESS SHOWN ON THE P.O. WITHIN THIRTY (30) DAYS OF VENDOR'S RECEIPT OF ORDER.

F.O.B. DESTINATION:

F.O.B. DESTINATION IS THE LOCATION WHERE MERCHANDISE IS DELIVERED AND UNLOADED ON A RECEIVING DOCK, IF AVAILABLE, TO ANY STATE OR LOCAL GOVERNMENT AGENCY AND THE CHANGE OF TITLE TAKES PLACE. THE VENDOR IS LIABLE FOR FREIGHT CHARGES, RISK OF LOSS OR DAMAGE TO THE MERCHANDISE UP TO THE DESTINATION.

FREIGHT:

BID IS F.O.B. DESTINATION. ANY FREIGHT CHARGES MUST BE INCLUDED IN THE BID PRICES.

NON-APPROPRIATION OF FUNDS:

CONTINUATION OF ANY AGREEMENT BETWEEN THE STATE AND A BIDDER BEYOND A FISCAL YEAR IS CONTINGENT UPON CONTINUED LEGISLATIVE APPROPRIATION OF FUNDS FOR THE PURPOSE OF THIS BID AND ANY RESULTING AGREEMENT. NON-AVAILABILITY OF FUNDS AT ANY TIME SHALL CAUSE ANY AGREEMENT TO BECOME VOID AND UNENFORCEABLE AND NO LIQUIDATED DAMAGES SHALL ACCRUE TO THE STATE AS A RESULT. THE STATE WILL NOT INCUR LIABILITY BEYOND THE PAYMENT OF ACCRUED AGREEMENT PAYMENT.

PRORATION:

ANY PROVISION OF A CONTRACT RESULTING FROM THIS BID TO THE CONTRARY NOTWITHSTANDING, IN THE EVENT OF FAILURE OF THE STATE TO MAKE PAYMENT HEREUNDER AS A RESULT OF PARTIAL UNAVAILABILITY, AT THE TIME SUCH PAYMENT IS DUE, OF SUCH SUFFICIENT REVENUES OF THE STATE TO MAKE SUCH PAYMENT (PRORATION OF APPROPRIATED FUNDS FOR THE STATE HAVING BEEN DECLARED BY THE GOVERNOR PURSUANT TO SECTION 41-4-90 OF THE CODE OF ALABAMA 1975), THE CONTRACTOR SHALL HAVE THE OPTION, IN ADDITION TO THE OTHER REMEDIES OF THE CONTRACT, OF RENEGOTIATING THE CONTRACT (EXTENDING OR CHANGING PAYMENT TERMS OR AMOUNTS) OR TERMINATING THE CONTRACT.

MANUFACTURER, STOCK/MODEL NUMBERS:

AT THE END OF EACH ITEM WHERE SPACES ARE MARKED "MFR" AND "NO.", THE VENDOR IS TO INDICATE THE MANUFACTURER & ALL STOCK/MODEL NUMBERS NECESSARY TO COMPLETE EACH UNIT AS SPECIFIED.

DESCRIPTIVE LITERATURE:

THE BRANDS AND MODEL NUMBERS REFERENCED PROVIDE A LEVEL OF QUALITY, AND UNLESS OTHERWISE SPECIFIED, ARE NOT RESTRICTIVE. VENDORS BIDDING ALTERNATE ITEMS MUST PROVIDE COMPLETE DESCRIPTIVE/TECHNICAL LITERATURE FOR CONSIDERATION AND EVALUATION WITH THEIR BID, AND WITH THE BID COPY

SPECIAL TERMS & CONDITIONS

VENDOR NAME :

VENDOR NUMBER:

ITB NO. : 10-R-2221534

OPEN DATE : 08/27/10 TIME: 10:00 AM

RETURN DATE: 08/26/10 TIME: 5:00 PM

PAGE 5

INVITATION TO BID

PER ITEM NUMBER 7 ON PAGE 2. REFERENCE TO LITERATURE WITH A PREVIOUS BID WILL NOT SATISFY THIS REQUIREMENT. FAILURE TO PROVIDE THE REQUIRED LITERATURE WILL RESULT IN THE REJECTION OF THE BID. PHYSICAL INSPECTION AND OPERATIONAL EVALUATION MAY ALSO BE REQUIRED WITHOUT COST OR OBLIGATION TO THE STATE OF ALABAMA.

NEW EQUIPMENT:

ALL EQUIPMENT MUST BE NEW AND UNUSED AND ACCEPTABLE BY THE ORIGINAL EQUIPMENT MANUFACTURER FOR THEIR MAINTENANCE.

REQUIRED DOCUMENTS:

A COPY OF THE MAINTENANCE/OPERATIONS MANUAL, MANUFACTURER'S WARRANTY AND A COMPLETE REPLACEMENT PARTS LIST IS REQUIRED WITH EACH ITEM.

BLANK LINES:

TO EVALUATE THE BID IN AN EFFICIENT MANNER, THE VENDOR SHOULD FILL-IN ALL BLANK LINES APPLICABLE TO A SPECIFIC COMMODITY DESCRIPTION.

REQUESTED INFORMATION:

ANY ADDITIONAL INFORMATION REQUESTED FROM A VENDOR MUST BE FURNISHED WITHIN TEN (10) DAYS FROM RECEIPT OF REQUEST.

PRICE SHEET

VENDOR NAME :

VENDOR NUMBER: -

ITB NO. : 10-R-2221534

PAGE 6

OPEN DATE : 08/27/10 TIME: 10:00 AM

RETURN DATE: 08/26/10 TIME: 5:00 PM

INVITATION TO BID

LINE NO.	COMMODITY/SERVICE DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	EXTENDED AMOUNT
UNLESS SPECIFIED OTHERWISE BELOW: SHIP TO: 012013 / 012M01 ALDOT - 3RD DIV THIRD DIVISION 1020 BANKHEAD HWY WEST PO BOX 2745 BIRMINGHAM AL 35202					
00001	COMMODITY CODE: 830-43-052585 TANK, SHALL BE A MINIMUM 5,000 GALLON CAPACITY. CONSTRUCTION: POLYETHYLENE RESIN TREATED WITH AN ULTRA VIOLET RADIATION STABLIZER. SEE ATTACHED SPECIFICATIONS MFR: MAKE: SPRAYER SPECIALTIES NOR5000VERT OR EQUAL	9	EACH		
00002	COMMODITY CODE: 830-43-052585 TANK, ELLIPTICAL LEG, FILL CAPACITY OF 1635 GALLONS SHALL BE CONSTRUCTED WITH POLYETHYLENE RESIN AND BE TREATED WITH AN ULTRA VIOLET RADIATION STABLIZER. SEE ATTACHED SPECIFICATIONS MFR: MAKE: SPRAYER SPECIALTIES NOR1635ELT OR EQUAL	12	EACH		
00003	COMMODITY CODE: 720-15-056355 PUMP, CENTRIFUGAL 15 HP LARGE VOLUME ELECTRIC, 3 PHASE SEE ATTACHED SPECIFICATIONS MFR: NO: CHEM-FLO CM5-15HP-3PH OR EQUAL	1	EACH		
00004	COMMODITY CODE: 720-15-056355 PUMP, CENTRIFUGAL, 7.5 HP MOTOR DRIVEN NEW, 3-PHASE SEE ATTACHED SPECIFICATIONS MFR: NO: CHEM-FLO CM5-7 1/2HP-3PH OR EQUAL	1	EACH		

RETURN ORIGINAL AND ONE COMPLETE COPY OF ORIGINAL BID TO BE CONSIDERED FOR AWARD.

PAGE TOTAL

BID TOTAL

ITB- 2221534

SPECIFICATIONS FOR 5000 GALLON TANK:

- 1) TANK SHALL BE A MINIMUM 5,000 GALLON CAPACITY
- 2) CONSTRUCTION: POLYETHYLENE RESIN TREATED WITH AN ULTRA VIOLET RADIATION STABILIZER.
- 3) SHALL BE CAPABLE OF STORING ANTI-ICING MATERIALS WITH A SPECIFIC GRAVITY OF 1.5.
- 4) TANK SHALL BE EQUIPPED WITH A 16" MANWAY AND VENTED COVER WITH MOLDED FLAT ACCESS AREA, STAINLESS STEEL BULKHEAD FITTINGS, MINIMUM 2" FULL PORT VALVE (POLY) WITH MALE THREADS AND MALE 2" CAMLOCK CAPPED BOTTOM FILL/DISCHARGE FITTING, WITH A FULL-PORT VALVE (POLY) THAT REACHES WITHIN TWO INCHES OF THE BOTTOM OF THE TANK WITH SIPHON ELBOW. TANK MAY HAVE MINIMUM OF 6" FLAT AREA FOR FITTING MOUNTING ON BOTTOM OF SIDEWALL OF TANK; (ALLOWED BUT NOT REQUIRED.)
- 5) TANK SHALL BE EQUIPPED WITH A RECIRCULATION BULKHEAD WITH A 2" FULL-PORT CAMLOCK VALVE (POLY) FOR AGITATION OF LIQUID USING A FEMALE CAMLOCK BARB FITTING WITH A PORTION OF THE SUPPLIED 50 FOOT LONG 2" RUBBER REINFORCED SUCTION HOSE. TANK MAY HAVE MINIMUM OF 6" FLAT AREA FOR FITTING MOUNTING ON BOTTOM OF SIDEWALL OF TANK; (ALLOWED BUT NOT REQUIRED.)
- 6) TANK SHALL HAVE A MINIMUM 50 FOOT LONG 2" RUBBER REINFORCED SUCTION HOSE FOR CONNECTING TO THE PUMP AND RECIRCULATION MANIFOLD.
- 7) OMITTED
- 8) LEVEL GRADUATIONS MUST BE MOLDED IN TANKWALL PER 1,000 GALLON INCREMENTS.

SPECIFICATIONS FOR ELLIPTICAL LEG TANK (1600 GALLONS):

- 1) SHALL HAVE A FULL CAPACITY OF 1600 - 1650 GALLONS
- 2) SHALL BE CONSTRUCTED WITH POLYETHYLENE RESIN AND BE TREATED WITH AN ULTRA VIOLET RADIATION STABILIZER.
- 3) SHALL BE CAPABLE OF STORING ANTI-ICING MATERIAL WITH A SPECIFIC GRAVITY OF 1.5
- 4) SHALL BE EQUIPPED WITH A MINIMUM 12" MANWAY AND COVER, STAINLESS STEEL COMPRESSION FITTINGS AND A 2" CAMLOCK BOTTOM DISCHARGE.
- 5) SHALL HAVE A MINIMUM OF FOUR TIE-DOWN STRAPS CONFORMING TO THE ELLIPTICAL SHAPE OF THE TANK. TIE-DOWN STRAPS SHALL COMPLY WITH MANUFACTURER SPECIFICATIONS AND SHALL BE SUPPLIED BY THE TANK MANUFACTURER.
- 6) DIMENSIONS:

	MINIMUM	MAXIMUM
HEIGHT:	52"	59"
WIDTH:	67"	71"
LENGTH:	138"	142"

REVISIONS:

Revised specs for 5000 gallon tank

1st Revision Date: August 6, 2010

2nd Revision Date: August 13, 2010

SPECIFICATIONS FOR LARGE VOLUME CENTRIFUGAL ELECTRIC TRANSFER PUMP (15 HP):

- 1) SHALL HAVE A 4" SUCTION WITH A 3" DISCHARGE AND SHALL BE CAPABLE OF PUMPING VARIOUS ANTI-ICING MATERIALS AT 500 GPM.
- 2) IMPELLER CONSTRUCTION ; BRONZE OR CAST IRON
- 3) DOUBLE ROW BEARINGS AND STAINLESS STEEL SHAFT AND SLEEVE
- 4) MINIMUM 15 HP, 220 VOLT, THREE PHASE.
- 5) PUMP SHALL COME WITH MOTOR STARTER KIT AND ALL ELECTRICAL COMPONENTS READY FOR IMMEDIATE HOOK UP.
- 6) SHALL INCLUDE A SCHEDULE 80 PVC FLANGE (GLUE OR THREAD) FOR EACH CONNECTION WITH GASKET IF THE PUMP HAS FLANGED CONNECTIONS.
- 7) PUMP SHALL BE TOTALLY ENCLOSED AND FAN COOLED.

ACCEPTABLE BRANDS/MODELS: FLOW MAX 700 SERIES MODEL 700-4 X 3-15H-1-220
EPE (JM-3600) SERIES MODEL EPE30K4HS-15
OR EQUAL

SPECIFICATIONS FOR ELECTRIC MOTOR DRIVEN CENTRIFUGAL PUMP (7.5 HP):

- 1) SHALL HAVE A 2" INLET AND A 1.5" OUTLET CAPABLE OF PUMPING VARIOUS ANTI-ICING MATERIALS AT 200GPM WITH A MINIMUM PSI OF 25 AFTER 10 FEET.
- 2) SHALL HAVE STAINLESS STEEL SHAFT IMPELLER, SEVERE SERVICE SEAL, BRASS OR STAINLESS STEEL HOUSING AND STAINLESS STEEL SHAFT.
- 3) IMPELLER SHALL HAVE THE CAPABILITY OF PUMPING ANTI-ICING AGENTS WITH A MINIMUM SPECIFIC GRAVITY OF 1.5.
- 4) PUMP SHALL BE TOTALLY ENCLOSED AND FAN COOLED.
- 5) MOTOR AND PUMP SHALL BE MOUNTED WITH STAINLESS STEEL BOLTS (WELDED MOUNTINGS WILL NOT BE ACCEPTABLE).
- 6) PUMP SHALL BE CONNECTED BY A 2" CAMLOCK COUPLER TO THE TANK AND MANIFOLD.
- 7) PUMP SHALL BE A MINIMUM 7.5 HP, 220 VOLT, THREE PHASE.
- 8) PUMP SHALL BE EQUIPPED WITH A MOTOR STARTER AND ALL ELECTRICAL COMPONENTS READY FOR IMMEDIATE ELECTRICAL HOOK UP.

NOTE: ALL DEPARTMENT OF TRANSPORTATION FACILITIES WILL PROVIDE EQUIPMENT AND OPERATOR TO UNLOAD ALL ITEMS. PLEASE CONTACT ORDERING FACILITY 24 HOURS PRIOR TO DELIVERY.

